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Aims and Scope

The Journal of Innovative Applied Mathematics and Computational Sciences (JIAMCS) is an online open access, peer-reviewed semiannual international journal published by the Institute of Sciences and Technology, University Center Abdelhafid Boussouf, Mila, Algeria.

The journal publishes high-quality original research papers from various fields related to applied mathematics, scientific computing, and computer science.

In particular, it publishes original papers in the following areas:

- Differential equations, (ODE's, PDE's, integral equations, difference equations, fractional differential equations)
- Dynamical systems and bifurcation-chaos theory
- Fractional calculus
- Modern control theory and practice
- Operator's theory
- Mathematical physics
- Probability and statistics
- Mathematical optimization
- Mathematical modelling and simulation
- Numerical analysis
- Fuzzy logic and systems
- Lattice theory, number theory and cryptography
- Computer science
- Bioinformatics
- Artificial intelligence

- Pattern recognition
- Computer vision and image processing
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- Signal processing
- Communication theory and network security

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